

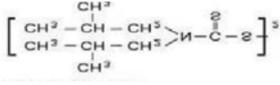
非開示情報

Technical Data Sheet--TIBTD

RUBBER ACCELERATOR

Chemical Name: Tetraisobutyl thiuram Disulfide

Molecular Formula: C₁₈H₃₆N₂S₄

Molecular Structure: 

Molecular Weight: 408.75

CAS NO.: 3064-73-1

Item	Crystal	Powder	Granule
Appearance	Light yellow crystal (Granule)		
Initial Melting Point, °C ≥	65.0	65.0	65.0
Loss on Drying, %, ≤	0.30	0.30	0.40
Ash, %, ≤	0.30	0.30	0.30
Residue on 840µm Sieve, %, ≤	0.00	/	/
Residue on 250µm Sieve, %, ≤	/	0.50	/
Granule Diameter, mm	/	/	2.50

Properties: Light yellow crystal (granule). No osmyl and no taste. Soluble in benzene, acetone, CH₂Cl₂, CS₂, toluene, chloroform, partly soluble in alcohol and diethyl ether, insoluble in gasoline and water.

Applications: Overspeed accelerator, no rubber stain. Suitable for NR, IR, BR, SBR, IIIR, NBR and EPDM. The properties are similar to TT and TETD, but the foaming and coking properties are low. Good curing property but low strength. Sulfur free also has a high vulcanization and heat resistance, no foaming, the product has strong compressive resistance.

Package: 25kg plastic woven bag, paper with plastic film bag, kraft paper bag.

Storage: The product should be stored in the dry and cooling place with good ventilation, avoiding exposure of the packaged product to direct sunlight. The product with pallet should not be stacked. Stacking of palletized material or temperature of above 35°C can cause unusual compacted product. The validity is 1 year.